



DEIS REVISIONS

- Site Investigation Plan - of properties not owned by Chrysler but part of devel. area
 - records search
 - visual map of bldgs
 - containers - contents verif.
 - ground spc near bldgs - uid. sample - borings
 - below grade tanks - sample
 - plans developed for runoff control, waste accuml + disposal
 - storm sewer sampling
 - visual map of resid. area
- HWM P
 - - pg. 5: toxic + haz. subst. should be defined as in CERCLA
 - mitigation + cleanup plan to be developed for each site where needed
- Current waste generation
 - Chrysler is a generator only
- Appendix #
 - - will all these businesses located w/in study area be demolished? if so some may be TSD's?
YES
- Project Area Investigation
 - demolition of existing assembly plant NOT to occur until after new plant ~~to~~ startup of operations

thus, assessment of existing property ~~not until~~
after

- Phase 1 - initial site survey

- screening phase / parcels likely to require detailed invest.
- ID'd + RCRA status determined

1. Records search

for add: CERCLA notif.

- generates list of parcels to be insp.

2. Parcel inspections

- those w/in construction "footprint" + those ID'd in records search will be insp.

- purpose: to determine need for further site invest.

- generates list of parcels to be further ~~invest~~ ^{invest}

- specific site invest. Plans to be drawn up for each

3. General Site Invest. Plan

goals of invest: determine subsq. conditions of proposed phosphate uniprime fac. bldg.

- tanks + containers invest. for spills + leaks + contents verified
- char. asbestos = ^{use} type - vol.
- ID + test present / past PCB use

• each site ~~invest~~ ^{invest} ~~plan~~ may not have a site invest (assess) plan

• proj. area being invest for purpose of mitigation impact of haz mat's exposure during demo, site prep, constr.

• thus invest + ~~invest~~ remedial action tailored to this end.

• each invest. plan may require:

- sampling of ^{haz} containers
- " of asbestos

• " " soil
- " " GW

4. Geophysical inv. methods

- site assess/invest. plans may include
 - Geophys. survey - drums & tanks
 - boring - down to original soil mat'l
 - auger or backhoe

use only 1 method.

to maintain consistency

→ use auger → info - obtained if subsfc soils will be more precise

why not also 2nd 12"?

- samples from 1st 12", 3rd 12", + 1st 12" of original soil

temp. MW in some borings

? temp?
→ how wells level?

- MW sampling
- soils described & characterized as to permeability, grain size, & water content

5. Char. of waste

- specific site assess. may require
 - a. stored/contained waste & materials - RCRA procedures → CLP + 40 CFR 261 - "each sample will be analyzed ^{initially} for only those mat'ls for which there is reason to suspect a presence".

not in all cases - must follow 40 CFR 261

b. soil samples - split

1st phase → composited / analyze initially for only those mat's suspect a presence splits retained for later reanalysis if nec.

how long some analysis samples can be held for only a set period of time

c. GW - same - no splits for permanent wells

d. if no GW, then mid level soil sample instead

→ characterizing soils w/ samples from levels (see geophys. testing) why another soil sample?

e. MDLs will be CLP CRDL's

f. pp. 18 f -

g. list of chemicals to test for

3/27 true

PHASE II - Survey of Remaining Project Area

1. remaining non-resid. parcels - invest. in same way

2. H G invest. - need for further H G inv. to be determined

3. GW sample. - wells to be sampled as follow:

a. estab. 24 hr. water levels

b. purge 3+5 volumes

c. sample

d. samples will be analyzed for any contaminants ID'd in upgradient parcels

what equipment

No - there may be a contam. present in soil below upper level of plume may not be detected in upper well

if have only certain VOC's suspected, cannot run for each separately - is a procedure & will get all

a. will not do HSL but only for those contam. present

A. storm sewer sampling - up & down stream - parameters → those found in greatest concentration on-site

how determine greatest concn. compared to what - 50 ppm toluene & 200 ppm acetone - will run acetone & not toluene?

PHASE III - Remediation Plan

1. Data evaluation
2. Devel of RA's for HW Removal
3. Devel of RA Plans for Contam. Areas
4. Eval + Selection of Actions
5. Implementation of Actions

should these be switched

PHASE IV - Demolition + Excavation

1. may have add'l sample + anal if add'l areas of contam. found.

Special Concerns

1. Buried wastes - if found, MDNR contacted + appropriate inv. + rem. plan devel.
2. Safety + OSHA - plans to be prepared
3. Notifications - will be made as required

I. Geophysical Invest. Methods

Geophys. Inv.

borings

temp. MW's

soils described + Char. + sampled

Char. of Waste

Waste + Mat'l's sampling

Soil sampling analysis

GW sampling + analysis

in addition
to above?



II. HG Invest.

borings - soil d + c + s
MW's

GW Sampling

Storm Sewer